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**EVERYTHING
FOR THE
GREEN LIVING**



Now, Humans in the struggle to deal with the environmental problems caused by energy using, and meanwhile, also face the increasing depletion of energy dilemma.

Therefore, easy collection, no pollution, and the inexhaustible solar energy's research and exploration become an important task for process of human development.

New technology, new materials' appear continually to show its inestimable market prospect.



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Company Profile

Jiaxing Diy Solar Technology Co., Ltd. was set up in 1991, which located in the east of Shanghai and west of Hangzhou with convenient transportation, the total area 60,000 square meters, through more than 20 years development, we have about more than 50 employees and have the annual output of 300,000 solar water heaters. Also we have successfully entered Europe, Africa, South Korea, Australia and Southeast Asia with our unique advantages in stable quality and competitive price.

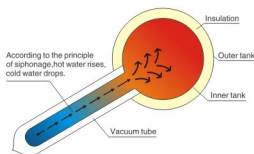
As a manufacturer owning the most advanced manufacturing equipment for producing solar water heater, we have got the powerful certificates, such as ISO9001:2000 certificate, SABS, SGS, Solar Keymark and SRCC.

We warmly welcome both domestic and overseas clients to create the win-win cooperation, and we are looking forward to having opportunities to become your future supplier. Both OEM & ODM are acceptable, all your attention and supports will be highly appreciated.



Products Introduction

Non-pressure stainless steel solar water heater



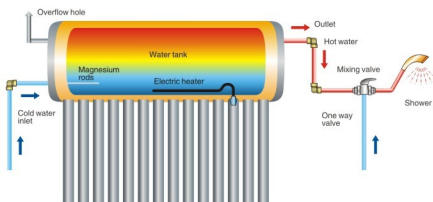
Feature



Direct heat energy exchange, heat energy transferred by three target vacuum tube rapidly.



Solar water heater can fit with many kinds of roof style because of the rational designed bracket.



Advantages (Solar hot water system)



Non-pressurized and direct heat energy exchange make it less thermal loss.



Multifunction: Bathing, washing, domestic heating etc.



Low operating cost, one-time investment thus saves lots of expenditure.



Long time heat preservation ability: 48-72 hours.



Easy installation and maintains.

Technical specification

Water tank

Material of inner tank	SUS304-2B Stainless Steel
Inner tank thickness	0.41mm
Diameter of inner tank	Φ 360mm
Material of outer tank	Stainless steel 304 or 201
Outer tank thickness	0.4mm
Outer tank diameter	Φ460mm
Tank insulation layer	50mm high density polyurethane foamed
Foam density	40kg/m ³ minimum
Heat preservation	48-72hours
Material of tank cover	Stainless steel 304 or 201 0.4mm
Holes of tank	Water inlet / Water outlet / Magnesium bar / Electric element
Tank welding	Argon arc welding

Vacuum tube

Solar absorbance	≈ 93% ≈ 96%
Hemispherical emittance	< 4% < 6%
Surface treatment	CU-SS-AIN Coating
Type	Three layers coated vacuum tube
Outer tube diameter	Φ58mm
Inner tube diameter	Φ47mm
Thickness of glass tube	1.6mm
Length	1800

Frame

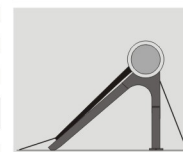
Material	Stainless steel or Aluminum alloy 1.5mm
Structure	Flexibility for flat or slope roof
Angle	20-45 degree
Screw for bracket	SUS 304 stainless steel 8mm diameter



Sloping roof installation



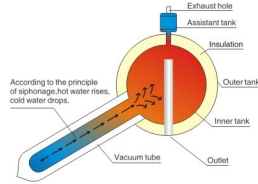
Sloping roof installation



Flat roof installation

TYPE	Vacuum tubes QTY	Area (M ²)	Volume (L)	Gross Weight (kg)	20GP/40HQ Loading Quantity (Sets)
DIY-NP02SS-10	10	1.33	100	57	70/170
DIY-NP02SS-15	15	1.99	150	78	54/132
DIY-NP02SS-20	20	2.65	200	94	42/100
DIY-NP02SS-25	25	3.32	250	112	34/82
DIY-NP02SS-30	30	3.98	300	128	27/68

Products Introduction Non-pressure solar water heater with assistant tank



Feature



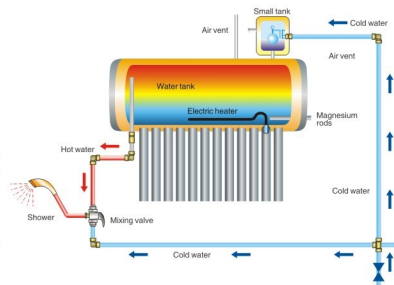
Assistant tank can supply water automatically to the main water tank.



Direct heat energy exchange, heat energy transferred by three target vacuum tube rapidly.



Solar water heater can fit with many kinds of roof style because of the rational designed bracket.



Advantages (Solar hot water system)



Non-pressurized and direct heat energy exchange make it less thermal loss.



Multifunction: Bathing, washing, domestic heating etc.



Low operating cost, one-time investment thus saves lots of expenditure.



Long time heat preservation ability: 48-72 hours.



Easy installation and maintains.

Technical specification

Water tank

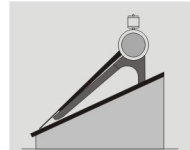
Material of inner tank	SUS304-2B Stainless Steel
Inner tank thickness	0.41mm
Diameter of inner tank	Φ360mm
Material of outer tank	Galvanized steel
Outer tank thickness	0.4mm
Outer tank diameter	Φ460mm
Tank insulation layer	50mm high density polyurethane foamed
Foam density	40kg/m ³ minimum
Heat preservation	48-72hours
Material of tank cover	Galvanized steel 0.4mm
Holes of tank	Water inlet / Water outlet / Magnesium bar / Electric element
Tank welding	Argon arc welding

Vacuum tube

Solar absorbance	≈ 93% ≈ 96%
Hemispherical emittance	< 4% < 6%
Surface treatment	CU-SS-AIN Coating
Type	Three layers coated vacuum tube
Outer tube diameter	Φ58mm
Inner tube diameter	Φ47mm
Thickness of glass tube	1.6mm
Length	1800

Frame

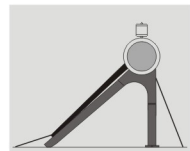
Material	Galvanized steel 1.5mm
Structure	Flexibility for flat or slope roof
Angle	20-45 degree
Screw for bracket	SUS 304 stainless steel 8mm diameter



Sloping roof installation



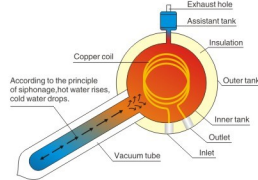
Sloping roof installation



Flat roof installation

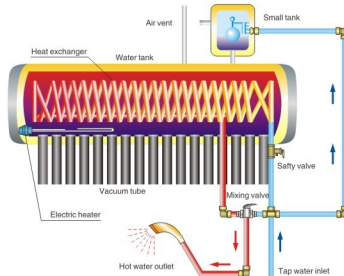
TYPE	Vacuum tubes QTY	Area (M ²)	Volume (L)	Gross Weight (kg)	20GP/40HQ Loading Quantity (Sets)
DIY-NP02-10	10	1.33	100	57	70/170
DIY-NP02-15	15	1.99	150	78	54/132
DIY-NP02-20	20	2.65	200	94	42/100
DIY-NP02-25	25	3.32	250	112	34/82
DIY-NP02-30	30	3.98	300	128	27/68

Products Introduction Integrative copper coil solar water heater



Feature

- Assistant tank can supply water automatically to the main water tank.
- Copper coil is heated by hot water in water tank, water absorbs much heat when through the copper coil. Hot water is available immediately whenever you need.
- Heat energy transfer copper coil in water tank rapidly.
- Solar water heater can fit with many kinds of roof style because of the rational designed bracket.



Advantages (Solar hot water system)

- Taking advantages of tap water's pressure, hot water with pressure makes you comfortable when you have bath.
- Multifunction: Bathing, washing.
- Low operating cost, one time investment, and permanent benefit.
- Long time heat preservation ability: 48-72 hours.
- Installation and maintenance are easy.

Technical specification

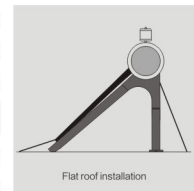
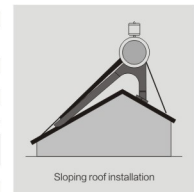
Water tank	
Material of inner tank	SUS304-2B Stainless Steel
Inner tank thickness	0.41mm
Diameter of inner tank	φ360mm
Material of outer tank	Galvanized steel
Outer tank thickness	0.4mm
Outer tank diameter	φ460mm
Tank insulation layer	50mm high density polyurethane foamed
Foam density	40kg/m ³ minimum
Copper coil	Diameter 12mm, Thickness 0.8mm Length: 28M for 200L, 32M for 300L
Heat preservation	48-72 hours
Material of tank cover	Galvanized steel 0.4mm
Holes of tank	Water inlet / Water outlet / Magnesium bar / Electric element
Tank welding	Argon arc welding

Vacuum tube

Solar absorbance	≈ 93% ≈ 96%
Hemispherical emittance	< 4% < 6%
Surface treatment	CU-SS-AIN Coating
Type	Three layers coated vacuum tube
Outer tube diameter	φ58mm
Inner tube diameter	φ47mm
Thickness of glass tube	1.6mm
Length	1800

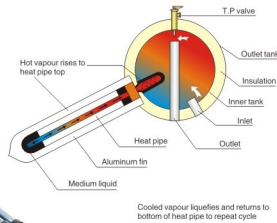
Frame

Material	Galvanized steel 1.5mm
Structure	Flexibility for flat or slope roof
Angle	20-45 degree
Screw for bracket	SUS 304 stainless steel 8mm diameter







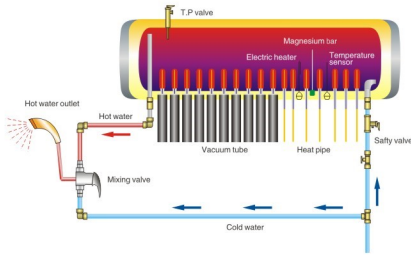
TYPE	Vacuum tubes QTY	Area (M ²)	Volume (L)	Cooper Coil Length (M)	Gross Weight (kg)	20GP/40HQ Loading Quantity (Sets)
DIY-CC01-20	20	2.65	200	28	94	42/100
DIY-CC01-30	30	3.98	300	32	128	27/68

Products Introduction Integrative high pressure solar water heater





Feature

-  No water in vacuum tubes, each vacuum tube works individually, so solar water heater can still work even several tubes break.
-  Even the environment's temperature is extremely low, solar water heater can still work regularly.
-  Heat energy transferred by vacuum tube with aluminum fin & heat pipe rapidly.
-  Solar water heater can fit with many kinds of roof style because of the rational designed bracket.



Advantages (Solar hot water system)

-  Pressurized and automatically working, hot water with pressure makes you comfortable when you have bath.
-  Multifunction: Bathing, washing, domestic heating etc.
-  Low operating cost, one-time investment thus saves lots of expenditure.
-  Long time heat preservation ability: 48-72 hours.
-  Easy installation and maintains.

Technical specification

Water tank

Material of inner tank	SUS304-2B Stainless Steel
Inner tank thickness	1.2mm
Diameter of inner tank	φ360mm
Material of outer tank	Galvanized steel
Outer tank thickness	0.4mm
Outer tank diameter	φ460mm
Tank insulation layer	50mm high density polyurethane foamed
Foam density	40kg/m ³ minimum
Heat preservation	48-72hours
Material of tank cover	Galvanized steel 0.4mm
Holes of tank	Water inlet / Water outlet / Magnesium bar / Electric element
Tank welding	Argon arc welding



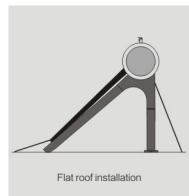
Vacuum tube with heat pipe

Solar absorbance	≈ 93% ≈ 96%
Hemispherical emittance	< 4% < 6%
Surface treatment	CU-SS-AIN Coating
Type	Three layers coated vacuum tube
Outer tube diameter	φ58mm
Inner tube diameter	φ47mm
Thickness of glass tube	1.6mm
Length	1800
Heat pipe condenser	Diameter 14mm or 24mm, Length 70mm, Thickness 0.8mm
Heat pipe body	Diameter 8mm, Length 1600mm, Thickness 0.6mm
Heat transfer fluid	Anti-freeze fluid (water-glycol)
Aluminum fin	Whole piece aluminum, 1600mm length, 0.2mm thickness



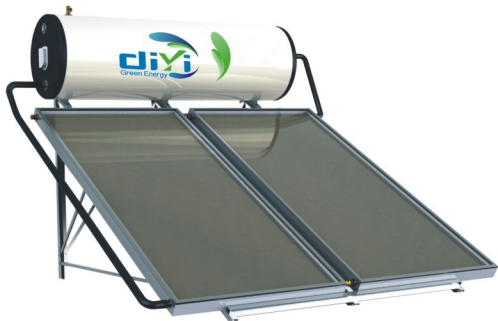
Frame

Material	Galvanized steel 1.5mm
Structure	Flexibility for flat or slope roof
Angle	20-45 degree
Screw for bracket	SUS 304 stainless steel 8mm diameter
Working max pressure	6Bar
Heat pipe anti-freezing	-35°C
Hail stone resistance	25mm




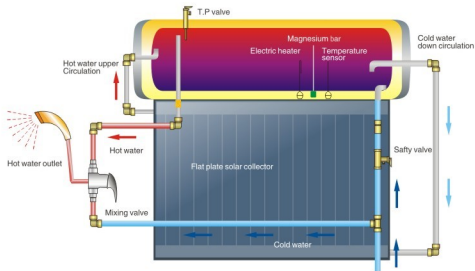
TYPE	Vacuum tubes QTY	Area (M ²)	Volume (L)	Gross Weight (kg)	20GP/40HQ Loading Quantity (Sets)
DIY-IP01-10	10	1.33	100	57	70/170
DIY-IP01-15	15	1.99	150	78	54/132
DIY-IP01-20	20	2.65	200	94	42/100
DIY-IP01-25	25	3.32	250	112	34/82
DIY-IP01-30	30	3.98	300	128	27/68

Products Introduction Integrative flat panel solar water heater









Feature

-  Halitstone-resistant toughened mistle low iron extra clear tempered glass, increase light transmittance and allows the passage of low incidence angle rays.
-  Each plate core passes through the strict high pressure leak test, to make sure the stability of collector's work.
-  Insulation adopts high density PF Resins foaming with aluminum sheet reflector, improve system's ability of long time heat preservation.
-  Safe and elegant designed anodized aluminum profile, guarantees strong and durable structure.
-  With rational designed bracket, collector and collector can be joined for commercial project or combined with residential hot water system on balcony or roof.



Advantages (Solar hot water system)

-  Pressurized and automatically working, hot water with pressure makes you comfortable when you have bath.
-  Medium circulation, have good anti-freezing and prevent evaporation ability, also avoid blockage in the pipe because of the pipe scale.
-  Multifunction: Bathing, washing, domestic heating etc.
-  Centralized water supply, designed for commercial solar water heating applications, such as swimming pool, hotel, school, hospital, and so on.
-  Low operating cost, one-time investment thus saves lots of expenditure.
-  Easy installation and maintains.

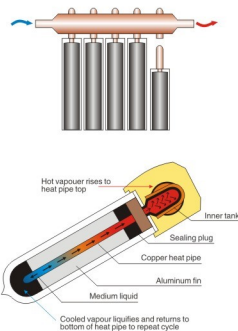
Technical specification

Water tank	
Material of inner tank	SUS304-2B Stainless Steel
Inner tank thickness	1.2mm
Material of outer tank	Galvanized steel
Outer tank thickness	0.5mm
Tank insulation layer	50mm high density polyurethane foamed
Foam density	40kg/m ³ minimum
Heat preservation	48~72hours
Material of tank cover	Galvanized steel 0.5mm
Tank welding	Argon arc welding
Flat plate panel	
Dimensions (W × L × H)	2000 × 1060 × 80mm
Cross area	2M ²
Absorber area	1.8M ²
Conversion factor	79.8%
Coating	Highly selective titanium-coating (From Germany)
Absorption	≥95% ± 2%
Emissance	≤ 4% ± 2%
Absorber material & thickness	Copper T2, δ = 0.15mm
Material & thickness of glass	Tempered glass: 4mm
Transmittance of glass	87%~91%
Material & thickness of the frame	Aluminum, δ = 0.9mm
Insulation material	Glass wool
Frame	
Material	Galvanized steel, Thickness 1.5mm
Structure	Flexibility for flat or slope roof
Angle	20~45 degree
Screw for bracket	SUS 304 stainless steel 8mm diameter
Working max pressure	10Bar
Working temperature	-35℃~150℃

TYPE	Flat Panel		Area (M ²)	Volume (L)	Gross Weight (kg)	20GP/40HQ Loading Quantity (Sets)
	Size(mm)	Qty				
DIY-FP01-15	2000x1060x80	1	2.65	150	85	50/120
DIY-FP01-30	2000x1060x80	2	3.98	300	130	25/62

Products Introduction

Heat pipe solar collector



Feature



No water in vacuum tubes, each vacuum tube works individually, so solar water heater can still work even several tubes break.



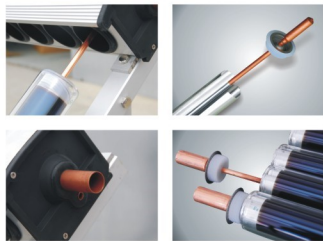
Even the environment's temperature is extremely low (-35°C), solar collector can still work regularly.



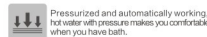
Heat energy transferred by vacuum tube with aluminum fin & heat pipe rapidly.



Collector can fit with many kinds of installation environment because of the rational designed bracket.



Advantages (Solar hot water system)



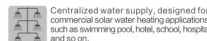
Pressurized and automatically working, hot water with pressure makes you comfortable when you have bath.



Medium circulation, have good anti-freezing and prevent evaporation ability, also avoid blockage in the pipe because of the pipe scale.



Multifunction: Bathing, washing, domestic heating etc.



Centralized water supply, designed for commercial solar water heating applications, such as swimming pool, hotel, school, hospital and so on.



Low operating cost, one-time investment thus saves lots of expenditure.

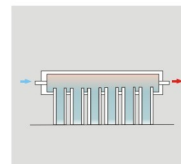


Easy installation and maintains.

Technical specification

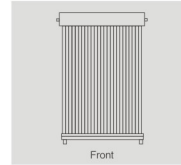
Water tank

Material	Aluminum alloy, Thickness 2mm
End cover	Nylon plastic parts
Manifold anti-water ring	Silicone rubber
Collector anti-dust cover	Silicone rubber
Tank insulation layer	Rock wool, Thickness
Insulation density	50kg/m ³ minimum



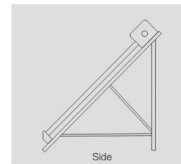
Vacuum tube with heat pipe

Solar absorbance	$\leq 93\% \sim 96\%$
Hemispherical emittance	$< 4\% < 6\%$
Surface treatment	CU-SS-AIN Coating
Type	Three layers coated vacuum tube
Outer tube diameter	$\phi 58\text{mm}$
Inner tube diameter	$\phi 47\text{mm}$
Thickness of glass tube	1.6mm
Length	1800
Heat pipe condenser	Diameter 14mm or 24mm, Length 70mm, Thickness 0.8mm
Heat pipe body	Diameter 8mm, Length 1600mm, Thickness 0.6mm



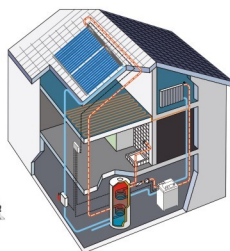
Frame

Material	Aluminum alloy, Thickness 1.5mm
Structure	Flexibility for flat or slope roof
Angle	20-45 degree
Screw for bracket	SUS 304 stainless steel 8mm diameter
Working max pressure	6Bar
Heat pipe anti-freezing	-35°C
Hail stone resistance	25mm



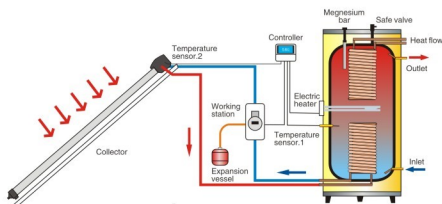
TYPE	Vacuum tubes QTY	Area (M ²)	Volume (L)	Gross Weight (kg)	20GP/40HQ Loading Quantity (Sets)
DIY-C01-10	10	1.33	100	40	165/400
DIY-C01-15	15	1.99	150	52	130/300
DIY-C01-20	20	2.65	200	67	95/225
DIY-C01-25	25	3.32	250	83	82/200
DIY-C01-30	30	3.98	300	100	75/180

Products Introduction Split high pressure solar water heating system



Feature

- Even the environment's temperature is extremely low (-35°C), solar water heating system can still work regularly.
- Collector can fit with many kinds of installation environment because of the rational designed bracket.
- Module design, arbitrary combination, harmony with the building perfectly. Collector separate with tank. The tank can be put in any place of house.
- Assistant heating function: a. Heat pump, b. Gas boiler, c. Electric Heater



Advantages (Solar hot water system)

- Pressurized and automatically working, hot water with pressure makes you comfortable when you have bath.
- Medium circulation, have good anti-freezing and prevent evaporation ability, also avoid blockage in the pipe because of the pipe scale.
- Multifunction: Bathing, washing, domestic heating etc.
- Centralized water supply, designed for commercial solar water heating applications, such as swimming pool, hotel, school, hospital and so on.
- Low operating cost, one-time investment must saves lots of expenditure.
- Easy installation and maintains.
- Long time heat preservation ability: 48-72 hours.
- Intelligent control system, different kinds of system operation mode, make it more convenient for users cooperate.

Technical specification

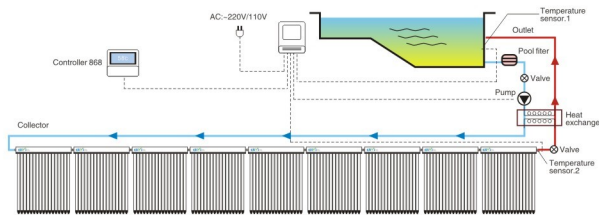
Water tank	
Material of inner tank	SUS304-2B Stainless Steel
Inner tank thickness	1.5mm
Material of outer tank	Galvanized steel
Outer tank thickness	0.5mm
Tank insulation layer	50mm high density polyurethane foamed
Foam density	40kg/m ³ minimum
Heat preservation	48-72hours
Material of tank cover	Galvanized steel 0.5mm
Tank welding	Argon arc welding

Heat pipe vacuum tube collector	
Solar absorption	≤ 93% ≤ 96%
Hemispherical emittance	< 4% < 6%
Surface treatment	CU-SS-AIN Coating
Type	Three layers coated vacuum tube
Outer tube diameter	φ 58mm
Inner tube diameter	φ 47mm
Thickness of glass tube	1.6mm
Length	1800
Heat pipe condenser	Diameter 14mm or 24mm, Length 70mm, Thickness 0.8mm
Heat pipe body	Diameter 8mm, Length 1600mm, Thickness 0.6mm
Heat transfer fluid	Anti-freeze fluid (water-glycol)
Aluminum fin	Whole piece aluminum, 1600mm length, 0.2mm thickness

Frame	
Material	Aluminum alloy, Thickness 1.5mm
Structure	Flexibility for flat or slope roof
Angle	20-45 degree
Screw for bracket	SUS 304 stainless steel 8mm diameter
Working max pressure	6Bar
Heat pipe anti-freezing	-35°C
Hail stone resistance	25mm

TYPE	Vacuum tubes QTY	Area (M ²)	Volume (L)	Gross Weight (kg)	20GP/40HQ Loading Quantity (Sets)
DIYI-S01-15	15	1.99	150	78	29/70
DIYI-S01-20	20	2.65	200	94	22/54
DIYI-S01-25	25	3.32	250	112	20/48
DIYI-S01-30	30	3.98	300	128	18/45

Products Introduction Non pressure vacuum tube solar collector



Advantages (Solar hot water system)

- Even the environment's temperature is extremely low (-35°C), solar collector can still work regularly.
- Assistant heating function: a. Heat pump, b. Gas boiler, c. Electric Heater
- Because of the rational designed bracket, installation for the collector array is easy.
- The square stainless steel temperature-holder water tank can store a large amount of hot water to meet many users demand.
- Direct heat energy makes it less thermal loss.
- Centralized water supply, designed for commercial solar water heating applications, such as swimming pool, hotel, school, hospital and so on.
- Intelligent control system, different kinds of system operation mode, make it more convenient for users to operate.
- Long heat preservation hours: 48-72 hours.
- Low operating cost, one time investment, and permanent benefit.
- Installation and maintenance are easy.

Technical specification

Water tank	
Material of inner tank	SUS304-2B Stainless Steel
Inner tank thickness	0.41mm
Material of outer tank	Galvanized steel
Outer tank thickness	0.4mm
Tank insulation layer	40mm high density polyurethane foamed
Foam density	40kg/m ³ minimum
Heat preservation	48-72hours
End cover	Nylon Plastic Parts
Manifold anti-water ring	Silicon rubber
Collector anti-water ring	Silicon rubber



Vacuum tube	
Solar absorbance	≈ 93% ≈ 96%
Hemispherical emittance	< 4% < 6%
Surface treatment	CU-SS-AIN Coating
Type	Three layers coated vacuum tube
Outer tube diameter	Φ58mm
Inner tube diameter	Φ47mm
Thickness of glass tube	1.6mm
Length	1800

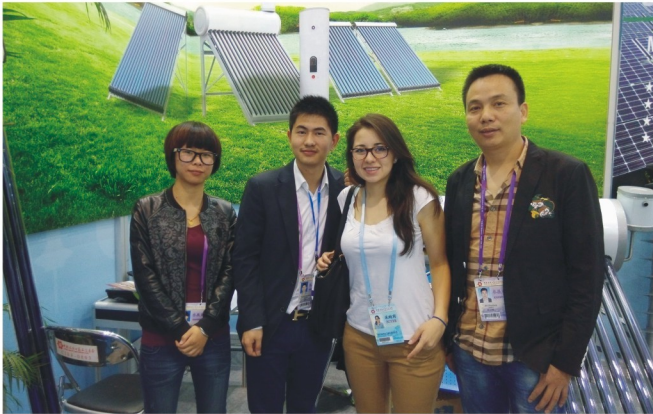


Frame	
Material	Galvanized steel 1.5mm
Structure	Flexibility for flat or slope roof
Angle	20-45 degree
Screw for bracket	SUS 304 stainless steel 8mm diameter

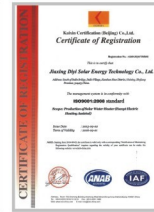


TYPE	Vacuum tubes QTY	Area (M ²)	Volume (L)	Gross Weight (kg)	20GP/40HQ Loading Quantity (Sets)
DIY-NPC01-10	10	1.33	100	40	165/400
DIY-NPC01-15	15	1.99	150	52	130/300
DIY-NPC01-20	20	2.65	200	67	95/225
DIY-NPC01-25	25	3.32	250	83	82/200
DIY-NPC01-30	30	3.98	300	100	75/180

DIY, concentrating on developing new solar technology and providing solar hot water solutions for all over the world.



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